MONITOR DIGITAL

auta

VIDEO MONITOR - HANDS FREE - TFT COLOUR
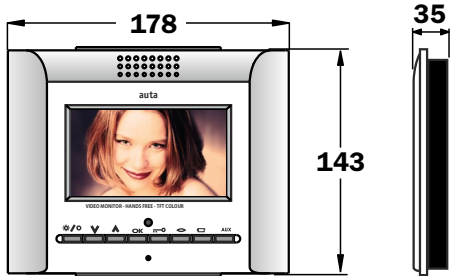
☀/◐   ∨   ∧   OK   ⌐○   ⬯   ♪   AUX

e-COMPACT
P L U S

3'5 inches flat screen monitor based on digital technology, that incorporates hands-free communication and allows the wiring of standard installations with a riser of 4 wires + Coax or 4 wires + Twisted Pair.
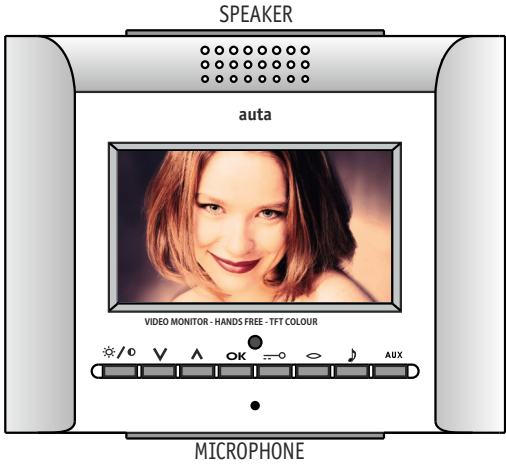
Characteristics

- Surface installation or mounting box installation.
- ABS+PC plastic injected.
- Brightness, colour and contrast adjust.
- Multi-tone function
- Two auxiliary keys.
- Scanning frequency 15625 Hz (H) x 50 Hz (V)
- Input Video Signal:
  - Composite Video (75Ω).
  - Differential Video (150Ω).
- Power supply 24Vcc / 0.5A.
- TFT-LCD 3.5".

DIMENSIONS

178   **35**

143

VIDEO MONITOR - HANDS FREE - TFT COLOUR

DESCRIPTION

SPEAKER

auta

VIDEO MONITOR - HANDS FREE - TFT COLOUR
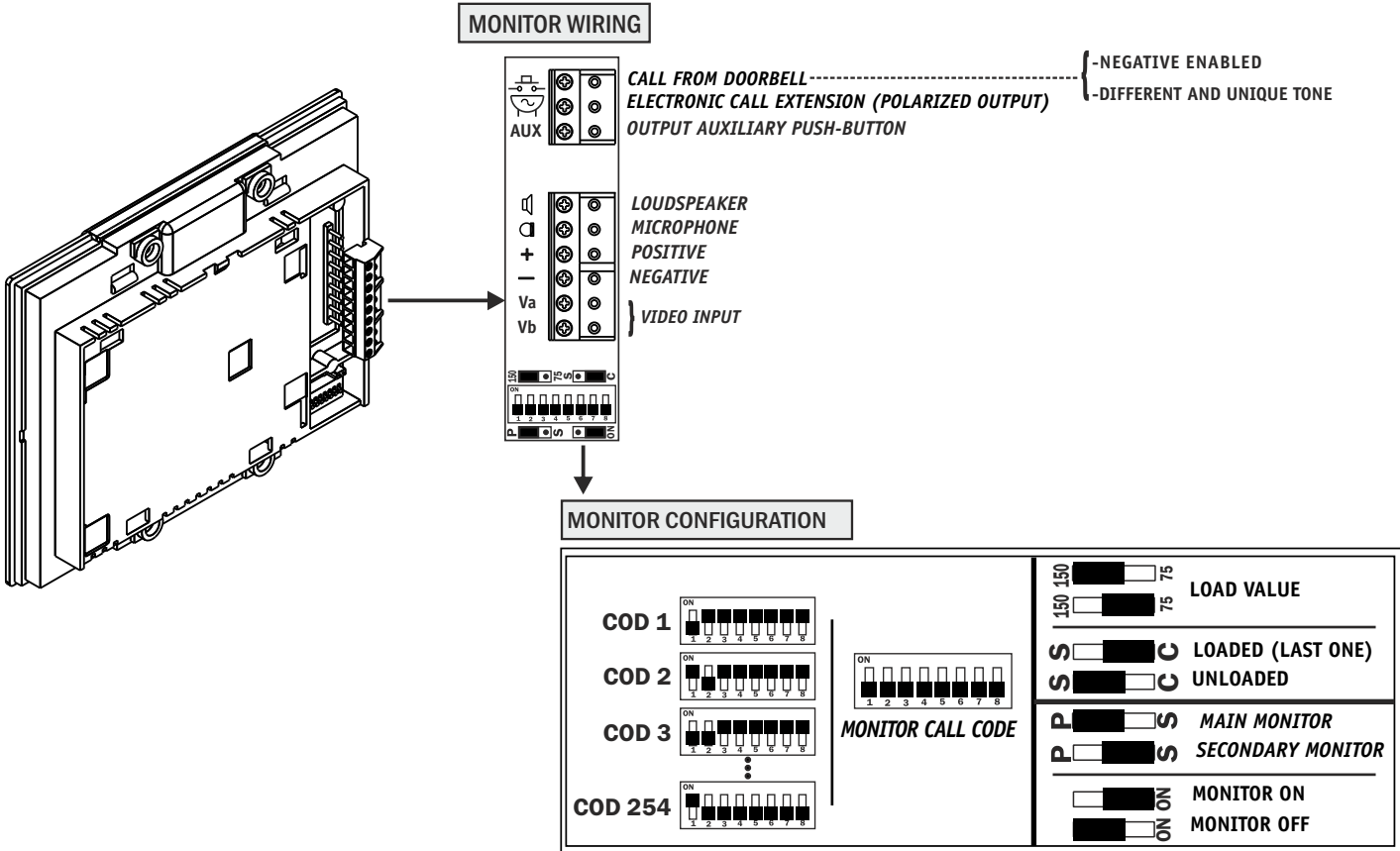
☼/◑ V ∧ OK ⌐o ◡ ♪ AUX

MICROPHONE

☼ / ◑ Brightness/Colour/Contrast

V Navigation Key

∧ Navigation Key

OK Enables/Disables monitor and audio

⌐o Door Opener/Call to Switchboard

◡ Self-Starting/Video Spy

♪ Tone and Volume Selection

AUX Auxiliary Key

INSTALLATION

MONITOR WIRING

CALL FROM DOORBELL ------------------------------- { -NEGATIVE ENABLED
ELECTRONIC CALL EXTENSION (POLARIZED OUTPUT) -DIFFERENT AND UNIQUE TONE
OUTPUT AUXILIARY PUSH-BUTTON

AUX

◁ *LOUDSPEAKER*
◖ *MICROPHONE*
+ *POSITIVE*
— *NEGATIVE*
Va *VIDEO INPUT*
Vb

MONITOR CONFIGURATION

COD 1

COD 2

COD 3

COD 254

MONITOR CALL CODE

LOAD VALUE

LOADED (LAST ONE)

UNLOADED

MAIN MONITOR

SECONDARY MONITOR
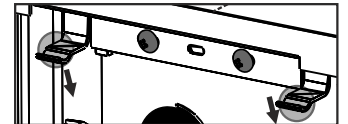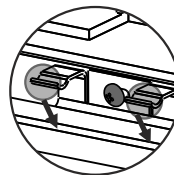
MONITOR ON

MONITOR OFF

INSTALLATION

BUILT-IN-

1º - Fix the frame to the mounting box with the provided screws. The frame allows adjusting little deviations of the mounting box.
2º - Remove the terminal blocks of the monitor and proceed with the wiring.
3º - Configure the monitor and plug the terminal blocks again to the monitor. (See page 2)
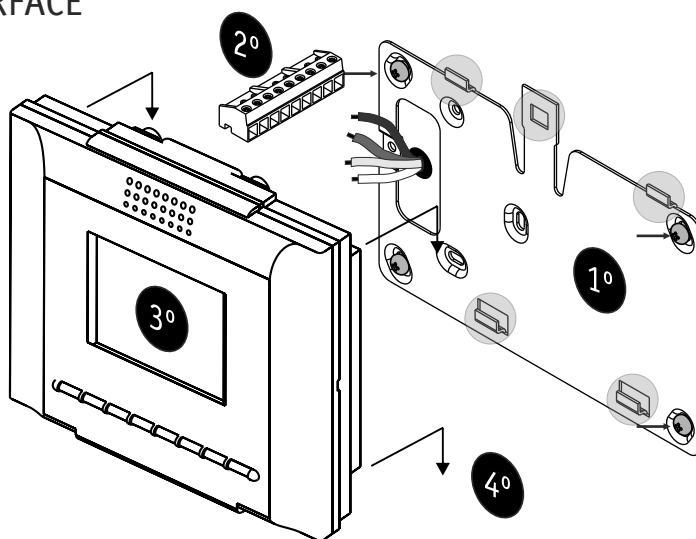4 º - Insert the monitor into the frame.
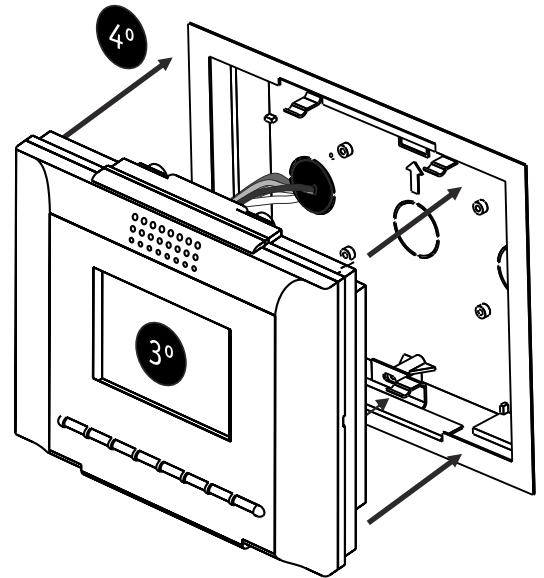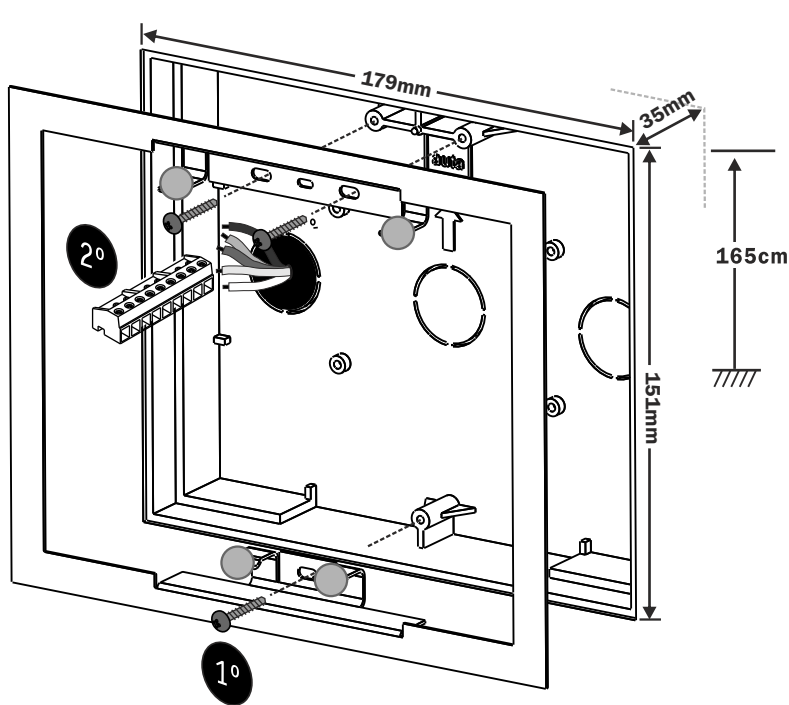
Note: When the monitor is placed into the frame, if you feel it is not firmly fixed, bend slightly the fixing points of the frame to increase the fastening

LOWER FIXING POINTS   UPPER FIXING POINTS

SURFACE
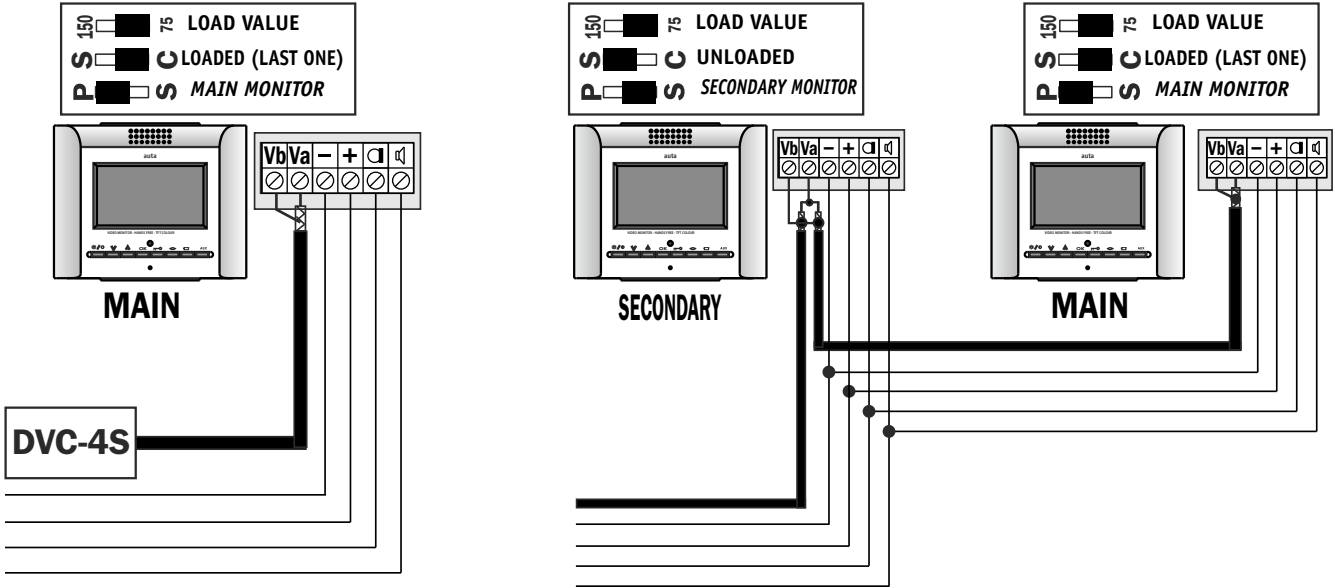
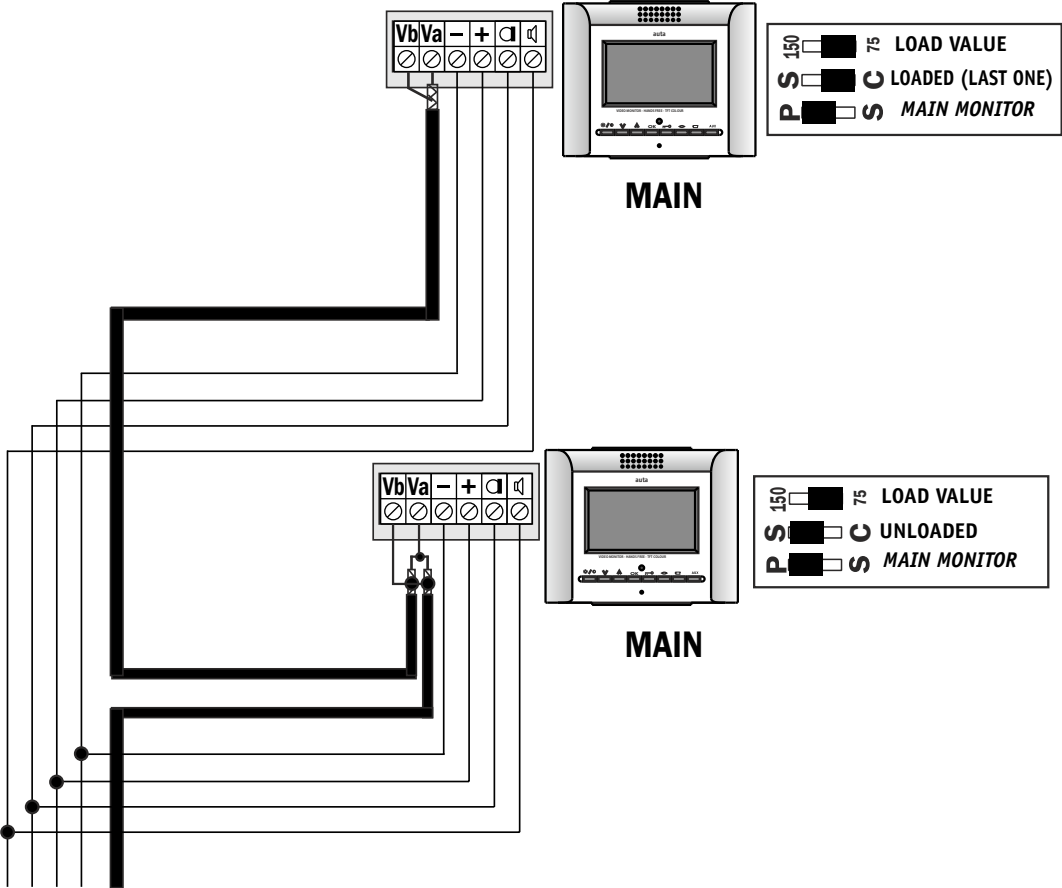MONITOR FIXING POINTS

FIXING THE MONITOR TO THE WALL

1º- Fix the iron sheet to the wall with the provided screws. The iron sheet allows adjusting little deviations.
2º - Remove the terminal blocks of the monitor and proceed with the wiring.
3º- Configure the monitor and plug the terminal blocks again to the monitor. (See page 2).
4º - Hang the monitor on the iron sheet that is fixed in the wall.
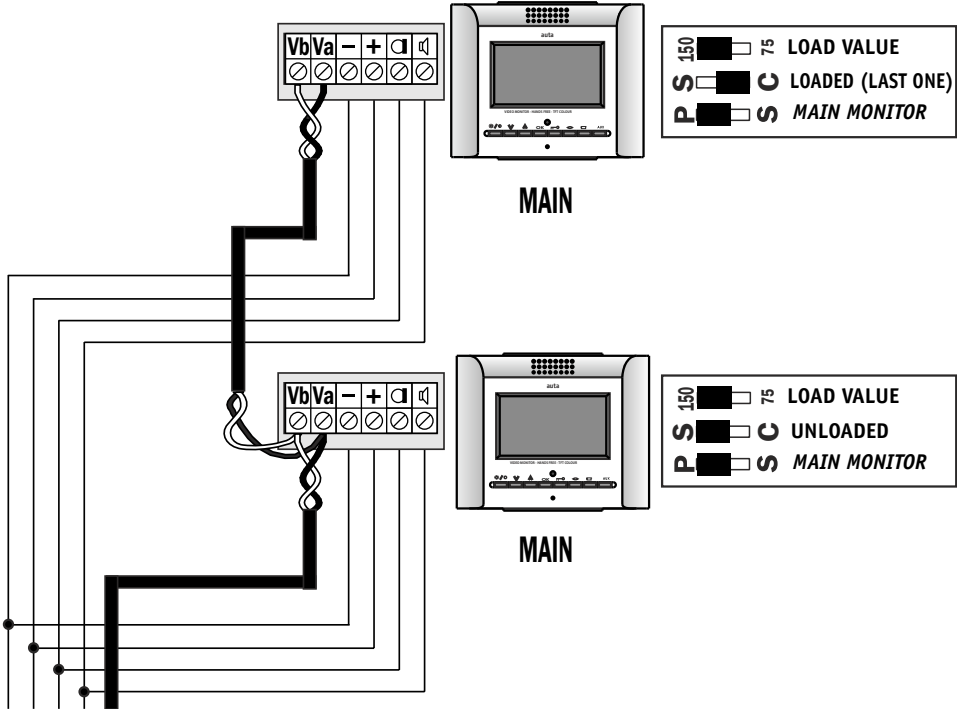
COAXIAL

FLOOR DISTRIBUTION

150 | 75 LOAD VALUE
S | C LOADED (LAST ONE)
P | S *MAIN MONITOR*

Vb Va — + ⬚ ◁))

MAIN

DVC-4S

150 | 75 LOAD VALUE
S | C UNLOADED
P | S *SECONDARY MONITOR*

Vb Va — + ⬚ ◁))

SECONDARY

150 | 75 LOAD VALUE
S | C LOADED (LAST ONE)
P | S *MAIN MONITOR*

Vb Va — + ⬚ ◁))

MAIN

CASCADE DISTRIBUTION

Vb Va — + ⬚ ◁))

150 | 75 LOAD VALUE
S | C LOADED (LAST ONE)
P | S *MAIN MONITOR*

MAIN

Vb Va — + ⬚ ◁))

150 | 75 LOAD VALUE
S | C UNLOADED
P | S *MAIN MONITOR*

MAIN

COAXLESS

FLOOR DISTRIBUTION

150 75 **LOAD VALUE**
S C **LOADED (LAST ONE)**
P S *MAIN MONITOR*

150 75 **LOAD VALUE**
S C **UNLOADED**
P S **SECONDARY MONITOR**

150 75 **LOAD VALUE**
S C **LOADED (LAST ONE)**
P S *MAIN MONITOR*

Vb Va − + ◻ 🔊

MAIN

DV-5H

Va
Vb

SECONDARY

DV-5H

Va
Vb

MAIN

Vb Va − + ◻ 🔊

MAIN

150 75 **LOAD VALUE**
P S C **LOADED (LAST ONE)**
P S *MAIN MONITOR*

TWISTED PAIR

Polarized lines

MAIN

150 75 **LOAD VALUE**
S C **UNLOADED**
P S *MAIN MONITOR*

4
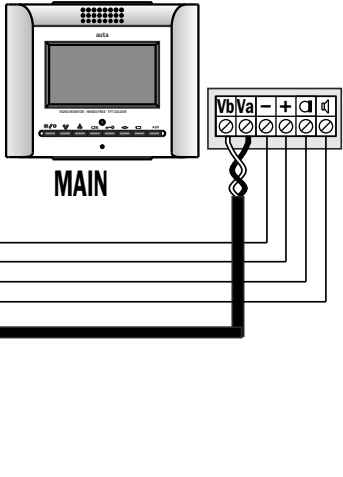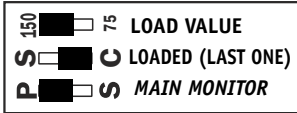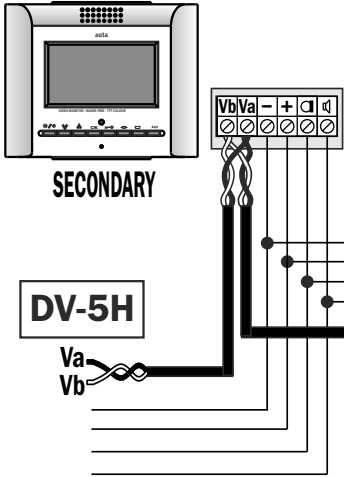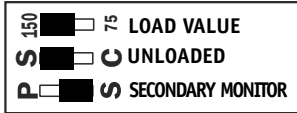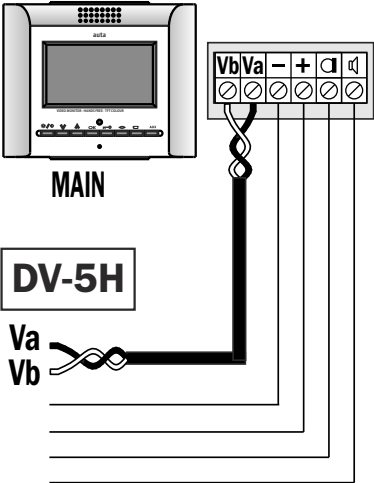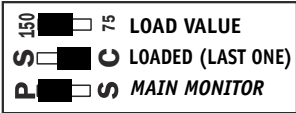
MONITOR FUNCTIONING STATES

- **SWITCHED OFF.** ON/OFF switch in OFF position. The LED remains off.
- **STAND BY.** ON/OFF switch in ON position. The LED remains on. Only the OK key is enabled.
- **ACTIVE.** Pressing the OK key, a beep can be heard and the blue led starts a slow blinking. At this point the monitor is active and all the keys are enabled.

-**Line Engaged State**: From ACTIVE state, every time we try to perform a self-starting (⬭) or a switchboard call (⚊○) the system will make a bitonal sound indicating that the line is engaged by another call, and then the led turns off and the monitor returns to STAND BY state.

FUNCTIONING

INCOMING CALL. When the monitor receives a call from the outdoor panel, the blue led starts a quick blinking, the ringing tones can be heard and the TFT turns on to see who is making the call. The communication can be finished pressing (⬭).
Press **OK** to initiate audio communication. This communication lasts 1m 30s and can be finished at any moment pressing **OK**.
If the call is not attended, the ringing tones will end and the TFT will turn off within 30s.
During the calling stage the door can be opened at any time (⚊○). This action will reduce the communication time to 20s.
* Secondary Monitor: In case of having an auxiliary monitor, it will make the ringing tones, but the screen will remain switched off until **OK** (Talk) or ⬭ (Viewing) is pressed.

SELF-STARTING. It is possible to get video from outdoor panel at any time, pressing **OK** + ⬭. To get audio communication, press **OK** again. The maximum length of the conversation is 1m 30s.
During the self-starting stage the door can be opened at any time (⚊○). The communication will also be reduced to 20s.
The outdoor panel must have the self-starting function activated.

CALL TO SWITCHBOARD. If there is a Switchboard in the installation, it is possible to establish an audio communication with it, pressing **OK** +⚊○. The conversation length is up to 1m 30s maximum.

CALL FROM SWITCHBOARD. When the monitor receives a call from the switchboard, the blue led starts a quick blinking, a monotone ring can be heard and the TFT turns on. The communication can be finished pressing (⬭).
Press **OK** to initiate audio communication. This communication lasts 1m 30s and can be finished at any moment pressing **OK**.

MONITOR ADJUSTS.

- ☼/◐ **Brightness / Colour / Contrast:** To adjust the values of brightness, colour and contrast is necessary to turn the TFT on. Thus, make a self-starting and then press ☼/◐ to select the adjust kind, and the keys ∧ and ∨ to increase or decrease the values.

- ♪ **Volume and Ringing Tone:** To adjust the ringing tone and the volume, from the stand by mode press **OK** and then ♪ repeatedly until the desired tone is found. There exist 4 different tones and 3 different volume levels for each one.